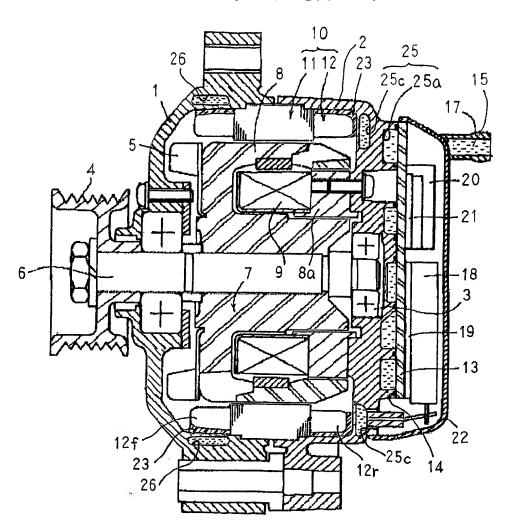
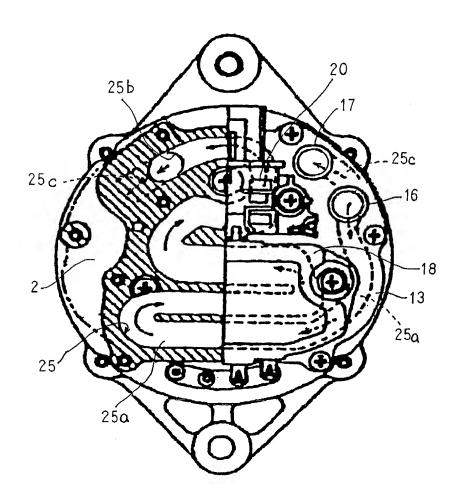
ASAO et al AUTOMOTIVE ALTERNATOR Filed : April 20, 2001 Robert J. Seas, Jr. 202-293-7060 1 of 17

F | G. 1



The state of the s

ASAO et al Q63652 AUTOMOTIVE ALTERNATOR Filed: April 20, 2001 Robert J. Seas, Jr. 202-293-7060 2 of 17

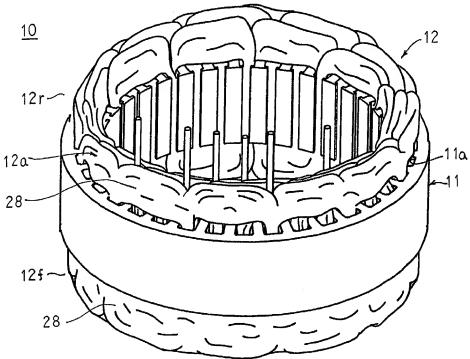


ASAO et al AUTOMOTIVE ALTERNATOR Filed : April 20, 2001 Robert J. Seas, Jr. 202-2 3 of 17

202-293-7060

Q63652

F I G. 3



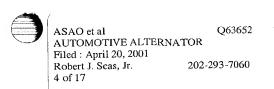
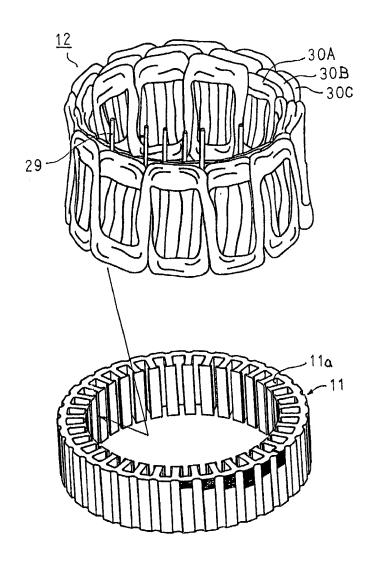


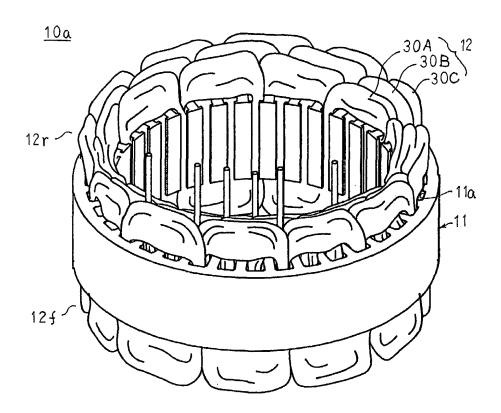
FIG. 4





ASAO et al Q63652 AUTOMOTIVE ALTERNATOR Filed : April 20, 2001 Robert J. Seas, Jr. 202-293-7060 5 of 17





F I G. 6

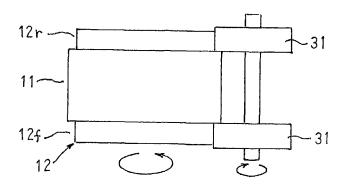
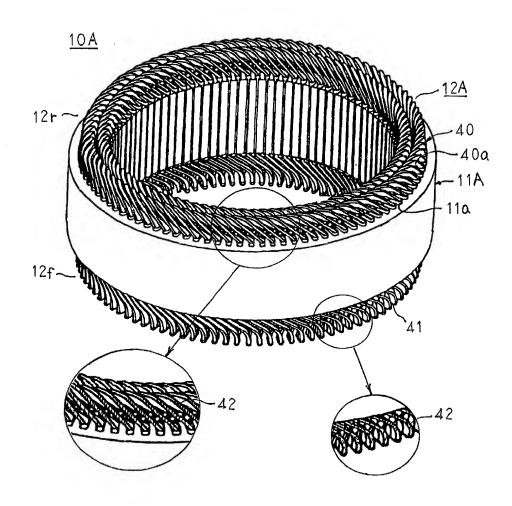




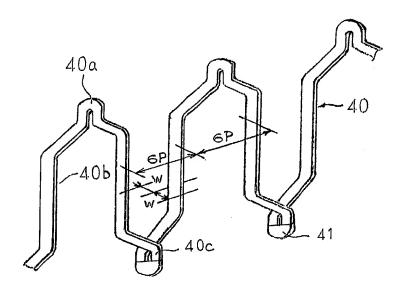
FIG. 7

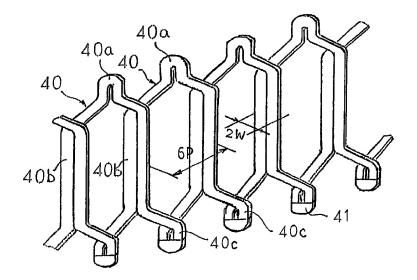




ASAO et al Q63652 AUTOMOTIVE ALTERNATOR Filed: April 20, 2001 Robert J. Seas, Jr. 202-293-7060 7 of 17

F I G. 8



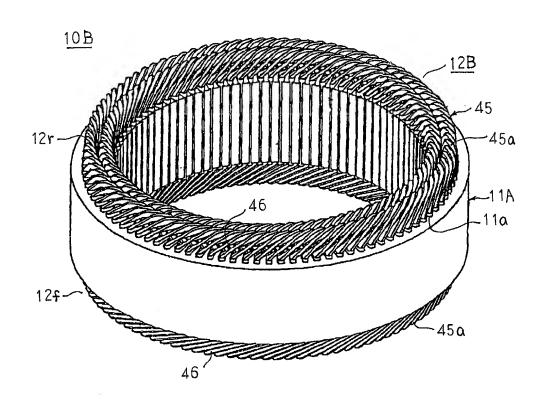




ASAO et al AUTOMOTIVE ALTERNATOR Filed : April 20, 2001 Robert J. Seas, Jr. 202-8 of 17



202-293-7060





ASAO et al AUTOMOTIVE ALTERNATOR Filed: April 20, 2001 Robert J. Seas, Jr. 202-9 of 17

Q63652

202-293-7060

FIG. 1

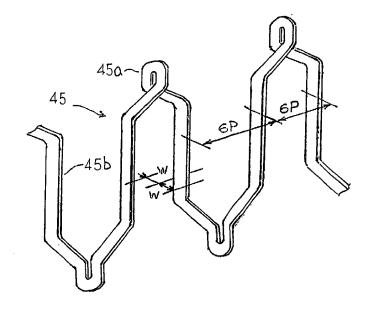
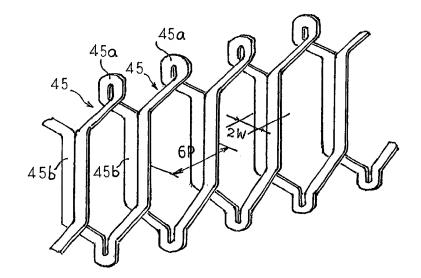


FIG.





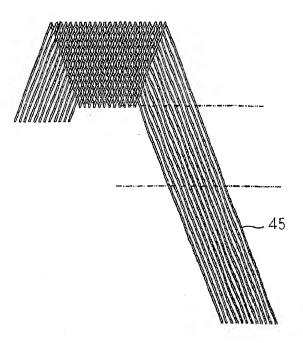
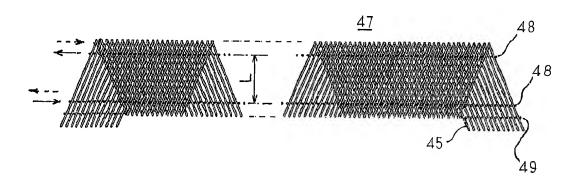


FIG. 14

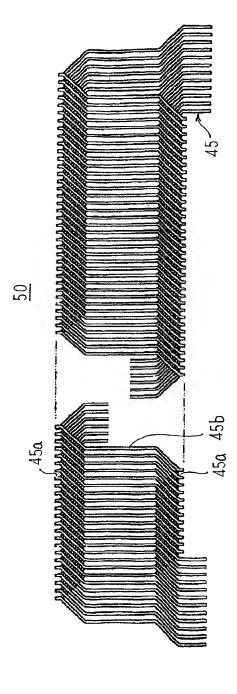
And the control of th



ASAO et al Q63652 AUTOMOTIVE ALTERNATOR Filed : April 20, 2001 Robert J. Seas, Jr. 202-293-7060 11 of 17







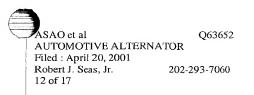


FIG. 16A

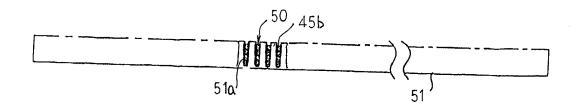


FIG. 16B

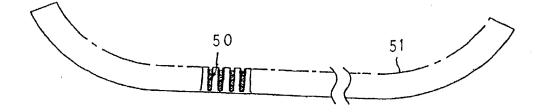
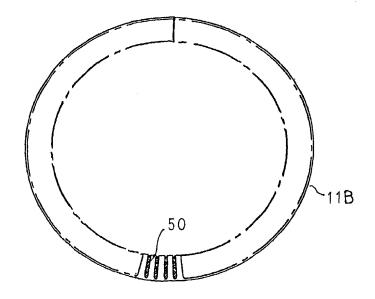


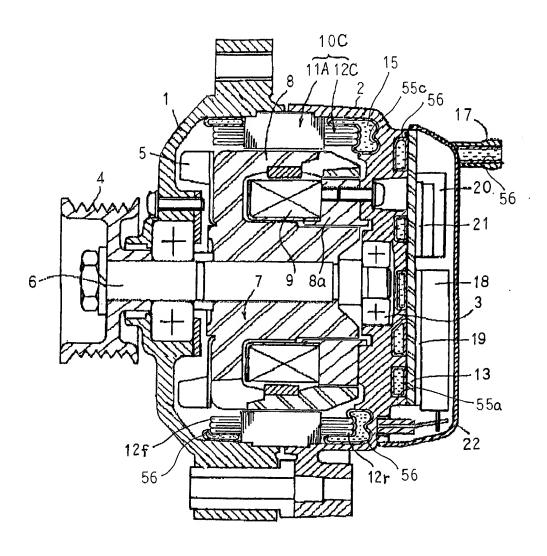
FIG. 16C



Q63652

202-293-7060

FIG. 17

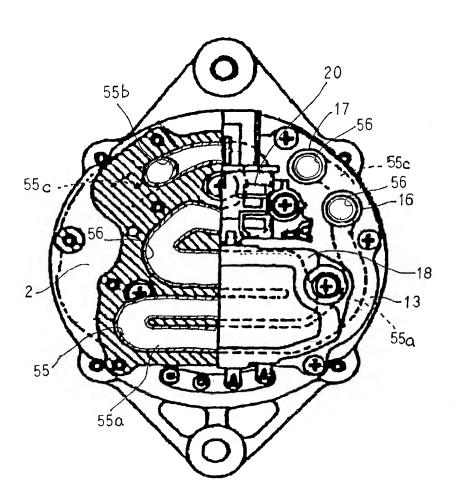


and the state of t

ASAO et al AUTOMOTIVE ALTERNATOR Filed: April 20, 2001 Robert J. Seas, Jr. 202-: 14 of 17 202-293-7060



Q63652



ASAO et al AUTOMOTIVE ALTERNATOR Jed: April 20, 2001 Jobert J. Seas, Jr. 202-15 of 17

202-293-7060

Q63652



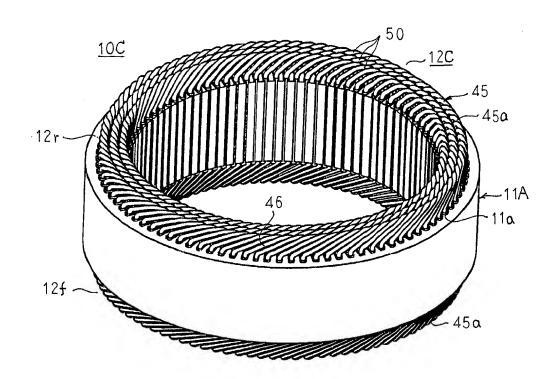
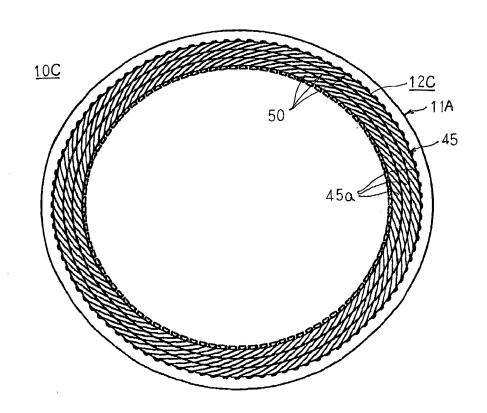


FIG. 20



ASAO et al Q63652 AUTOMOTIVE ALTERNATOR Filed: April 20, 2001 Robert J. Seas, Jr. 202-293-7060

FIG. 21

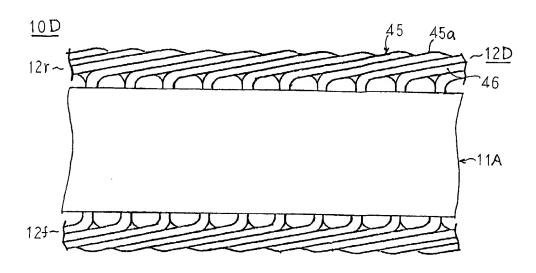
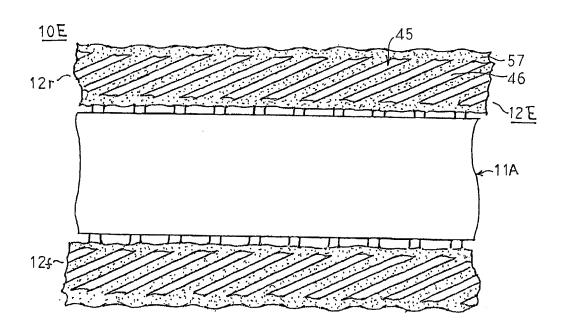


FIG. 22





ASAO et al AUTOMOTIVE ALTERNATOR Filed: April 20, 2001 Robert J. Seas, Jr. 202-17 of 17

202-293-7060

Q63652



FIG. 23

PRIOR ART

